

FIG. 1

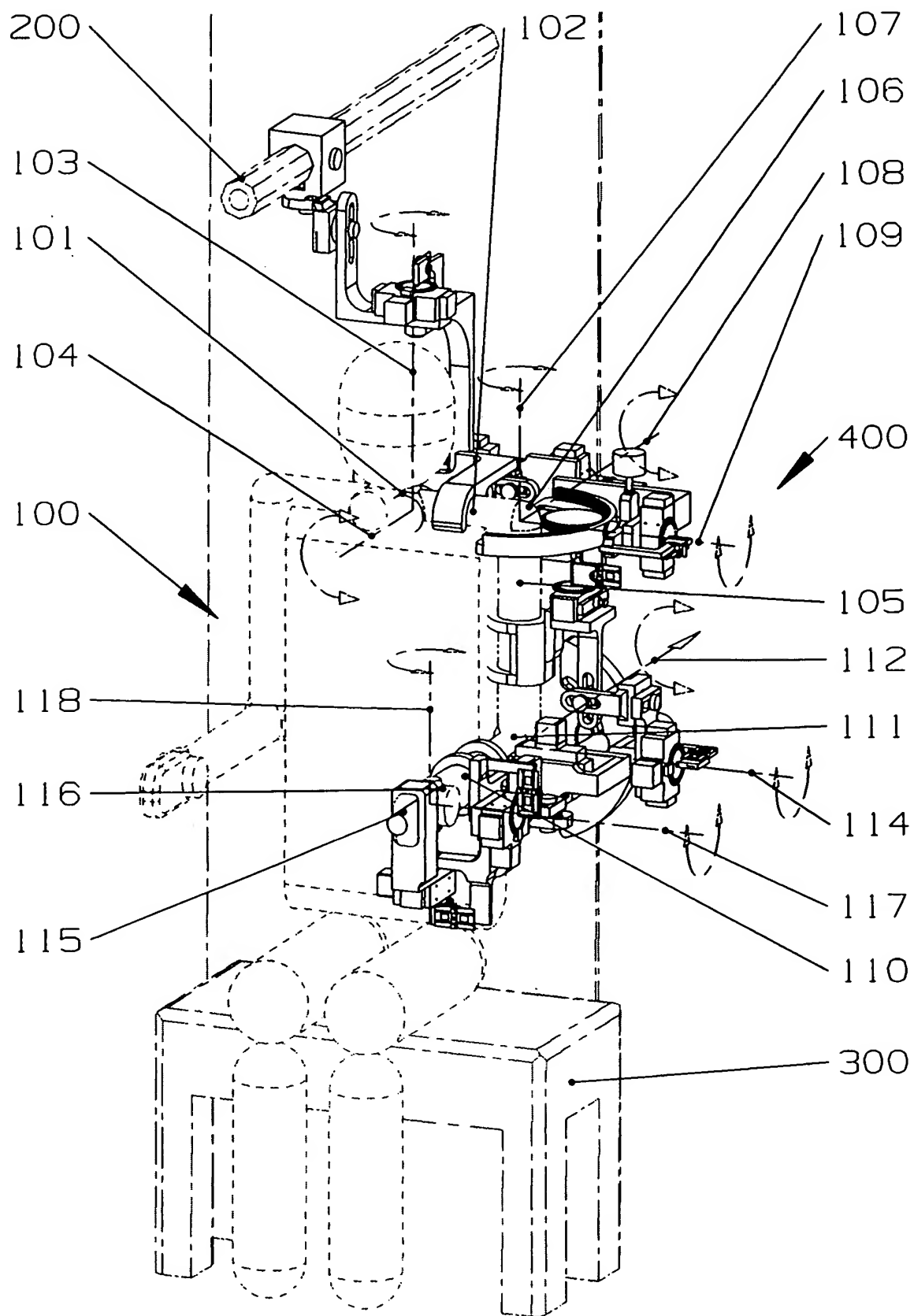


FIG. 1

FIG. 1A is a schematic diagram of a mechanical assembly 100. The assembly includes a central shaft 102, a first joint 103, a second joint 104, a third joint 105, a fourth joint 106, a fifth joint 107, a sixth joint 108, a seventh joint 109, an eighth joint 110, a ninth joint 111, a tenth joint 112, an eleventh joint 113, a twelfth joint 114, a thirteenth joint 115, a fourteenth joint 116, a fifteenth joint 117, and a sixteenth joint 118. The assembly is shown in a perspective view, with dashed lines indicating the movement of the joints. The assembly is mounted on a base 100.

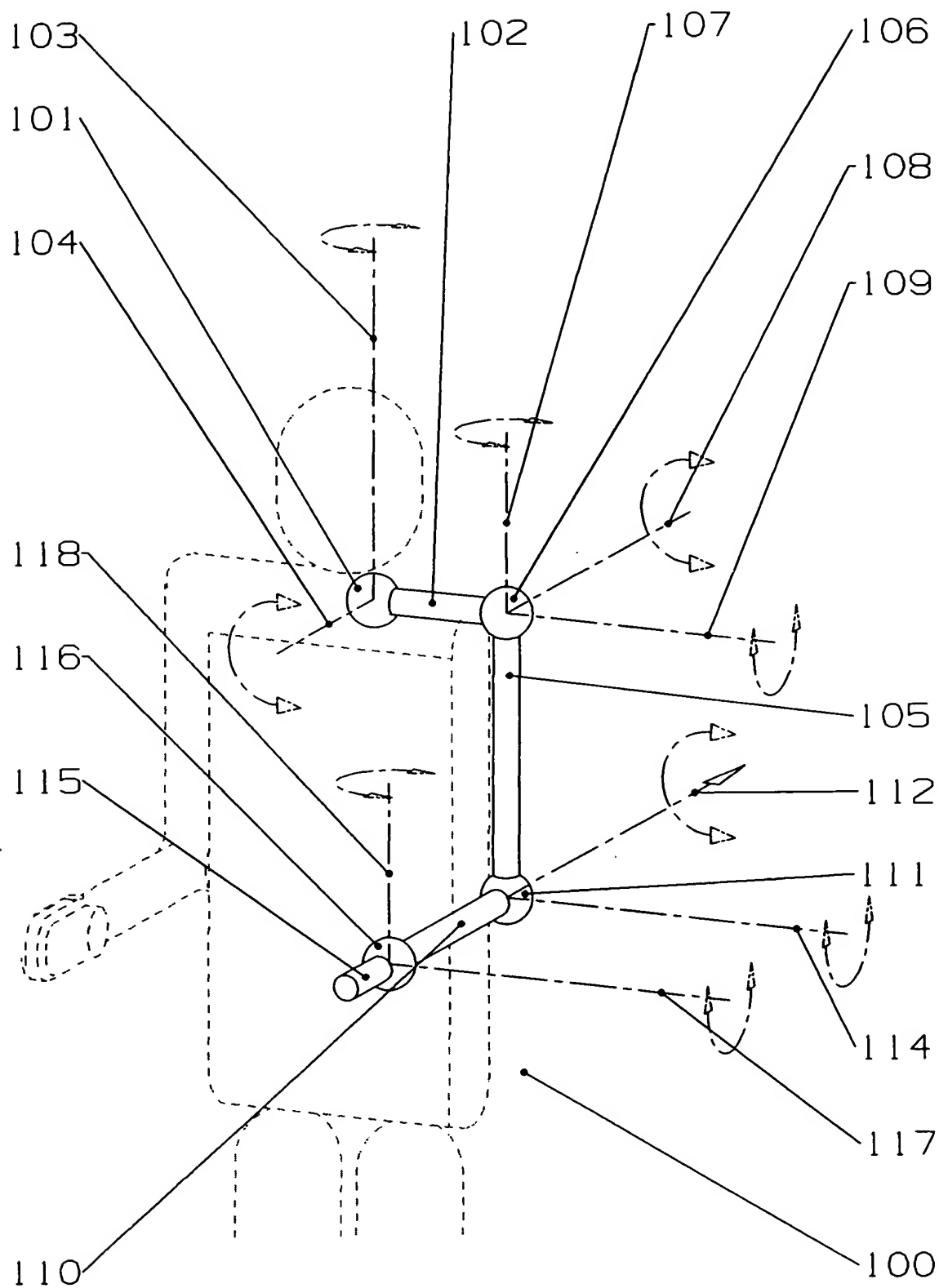


FIG. 1A



FIG. 3 is a perspective view of the device 400 in a closed position. The device 400 includes a housing 401, a top cover 409, and a bottom cover 417. A circular dial 418 is mounted on the front of the housing 401. The dial 418 has a series of markings 419 around its circumference. A pointer 412 is mounted on the dial 418. The pointer 412 has a tip 414a and a base 414b. The pointer 412 is mounted on a shaft 415. The shaft 415 is connected to a mechanism 416. The mechanism 416 includes a lever 411 and a spring 413. The lever 411 is mounted on a pivot 414. The spring 413 is connected to the lever 411 and the housing 401. The device 400 is shown in a closed position, with the top cover 409 and bottom cover 417 meeting at the front of the housing 401. The dial 418 is visible through an opening in the front of the housing 401. The pointer 412 is pointing to a marking 419 on the dial 418. The lever 411 is in a raised position, and the spring 413 is compressed. The device 400 is shown in a perspective view, with dashed lines indicating the internal components and the movement of the lever 411 and pointer 412. Arrows A and B indicate the direction of movement for the lever 411 and pointer 412, respectively.

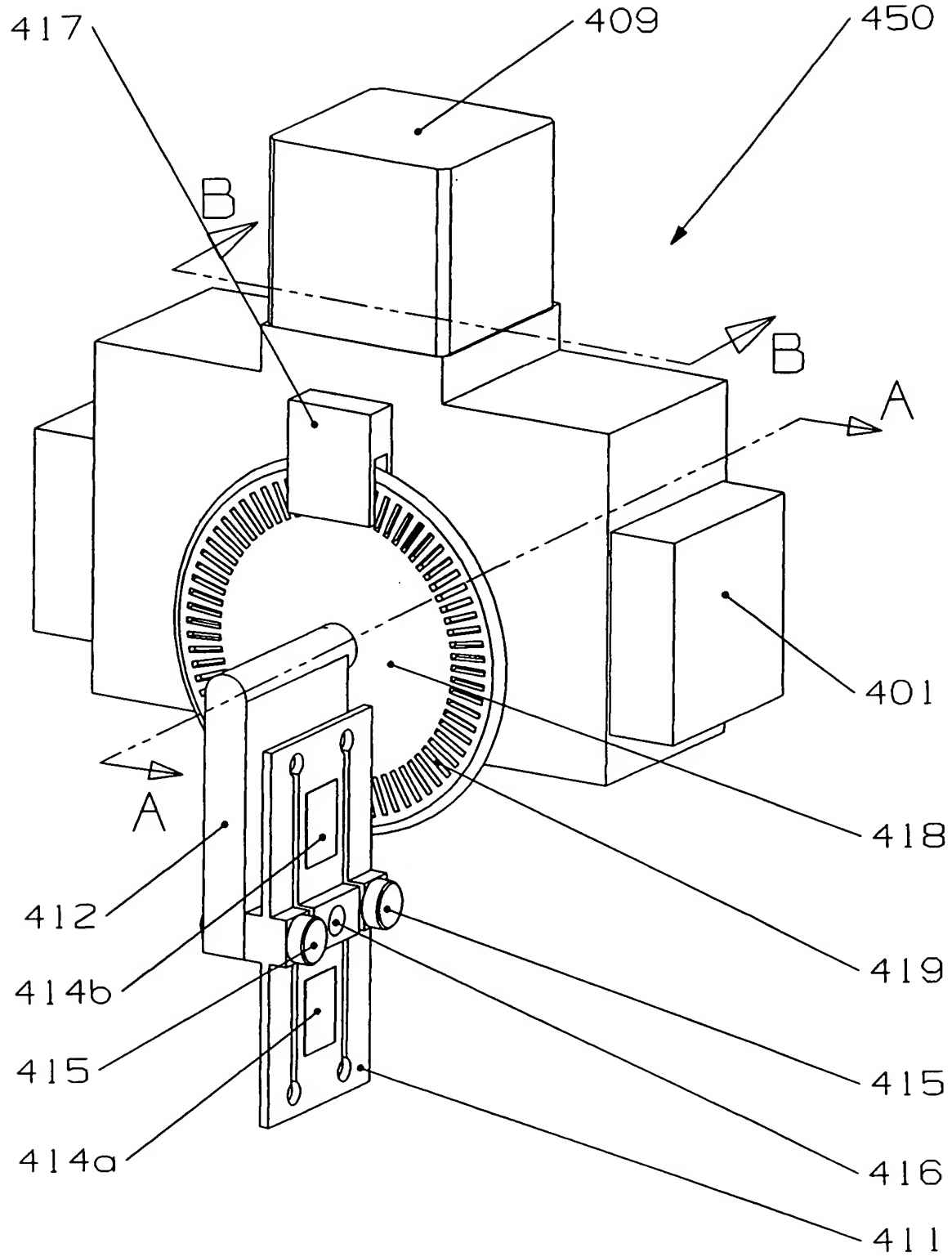


FIG. 3

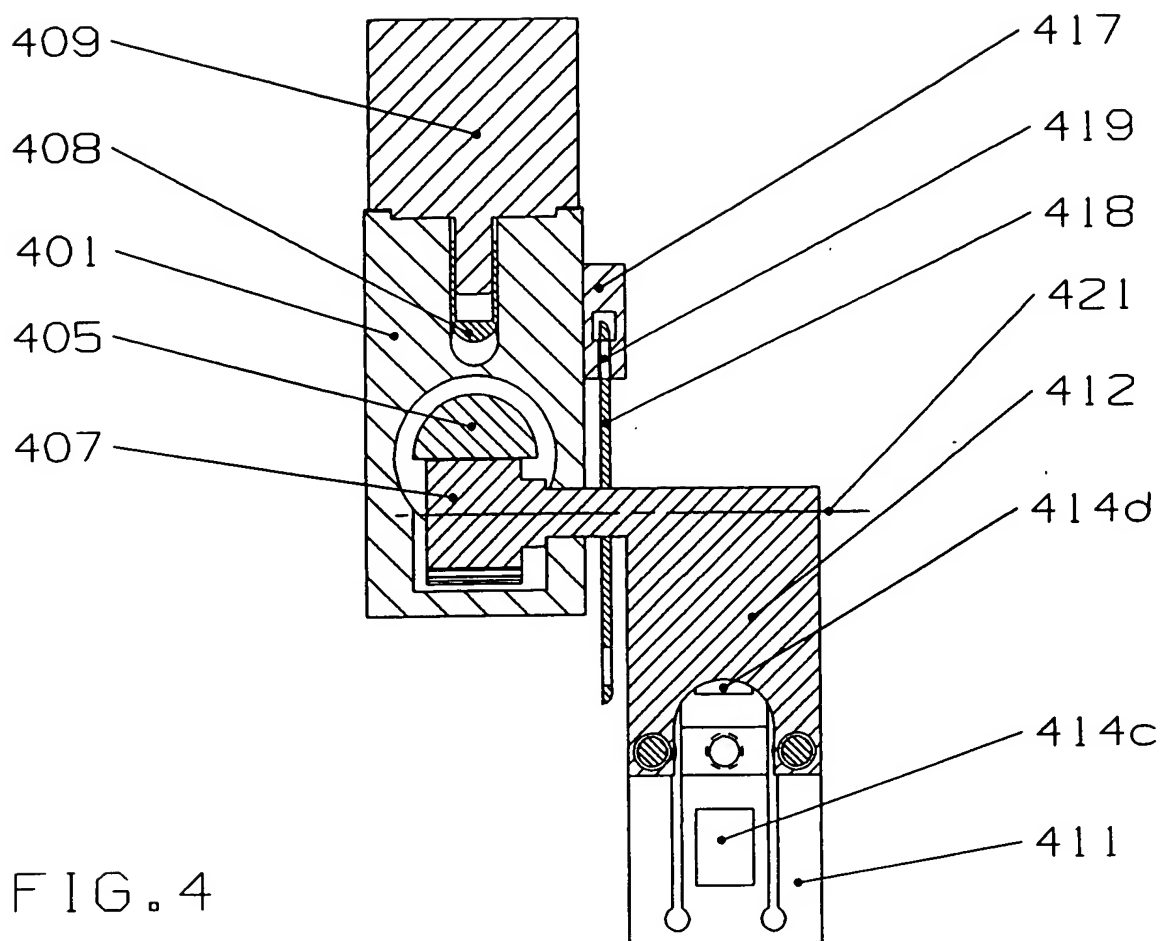


FIG. 4

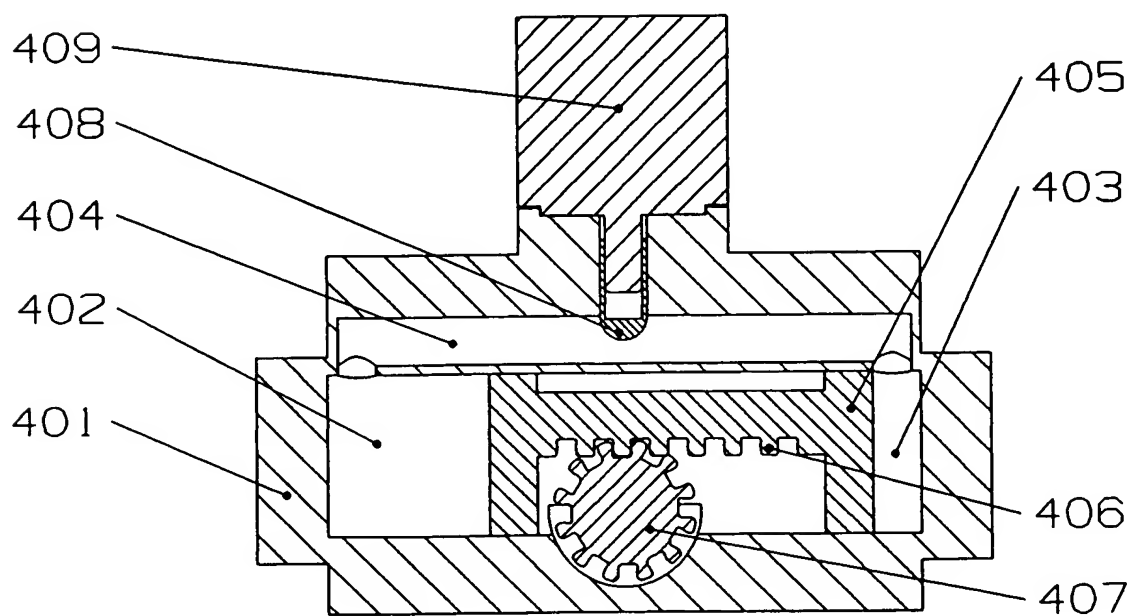


FIG. 5



FIG. 7 is a perspective view of the device 100 in a closed position, showing the upper housing 110, the lower housing 120, and the central assembly 130. The device 100 is shown in a closed position, with the upper housing 110 and the lower housing 120 joined together. The central assembly 130 is visible through the opening in the upper housing 110. The device 100 is shown in a perspective view, with the upper housing 110 and the lower housing 120 joined together. The central assembly 130 is visible through the opening in the upper housing 110. The device 100 is shown in a closed position, with the upper housing 110 and the lower housing 120 joined together. The central assembly 130 is visible through the opening in the upper housing 110.

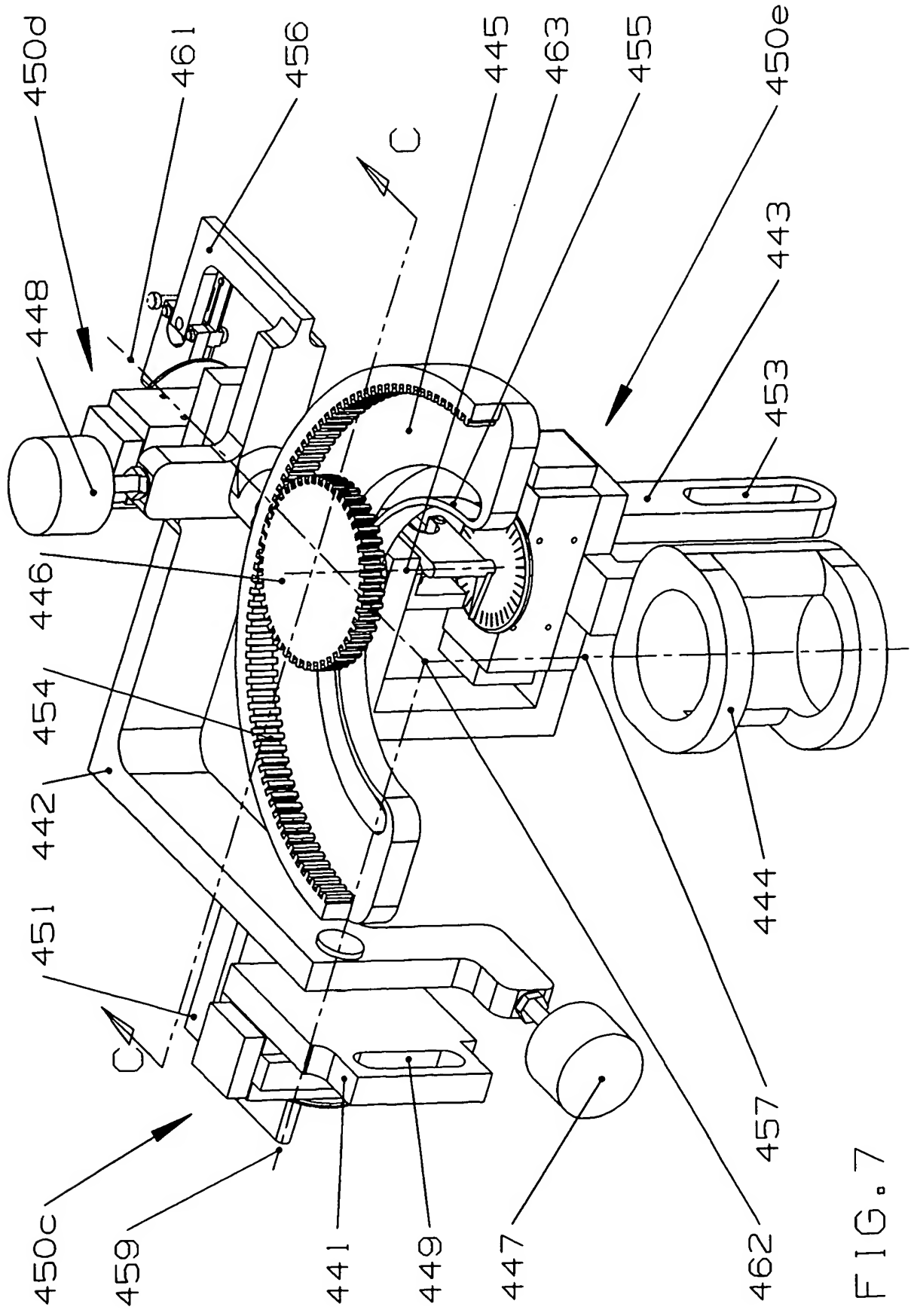


FIG. 7

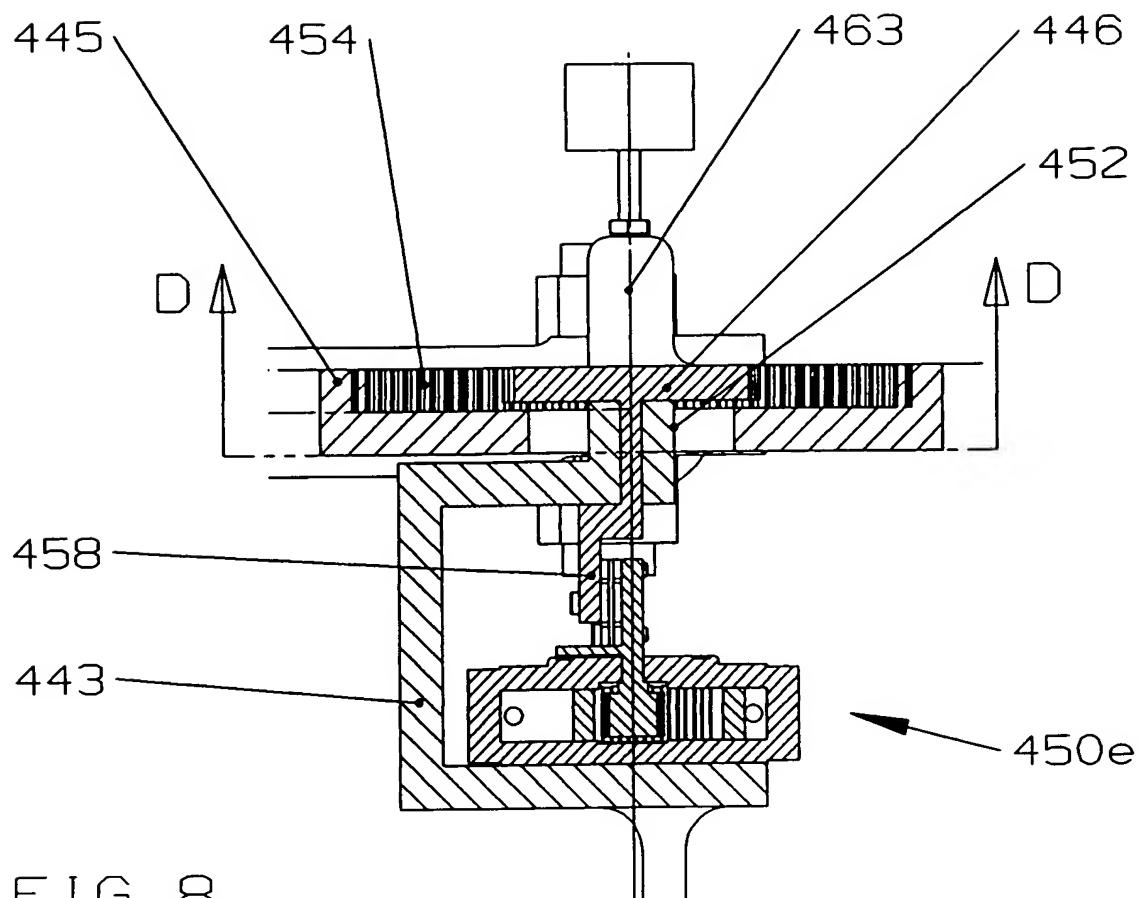


FIG. 8

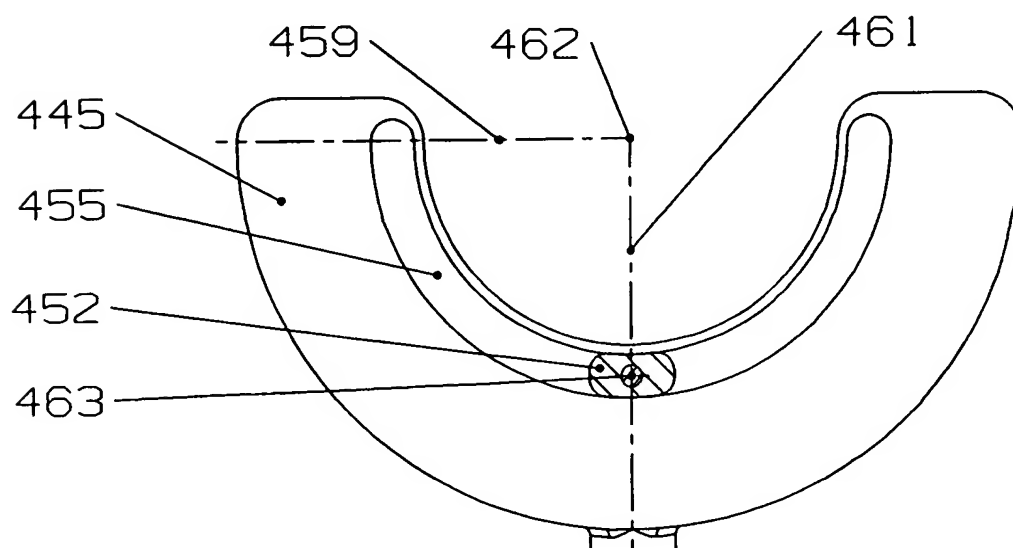


FIG. 9





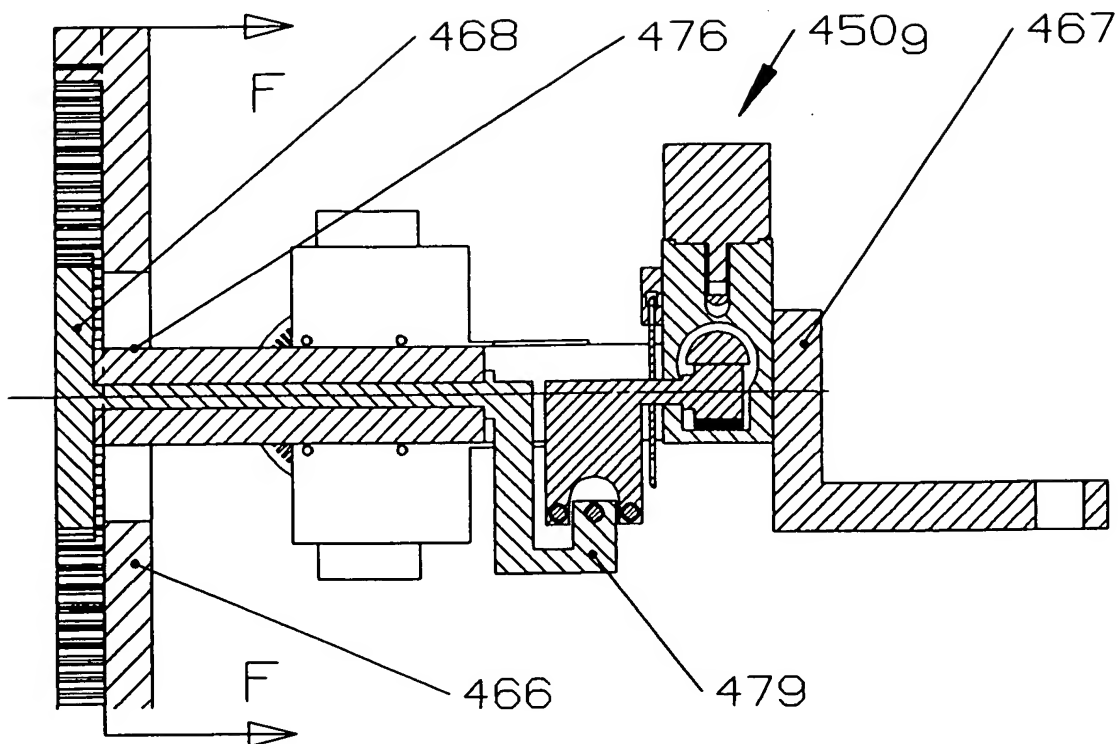


FIG. 11

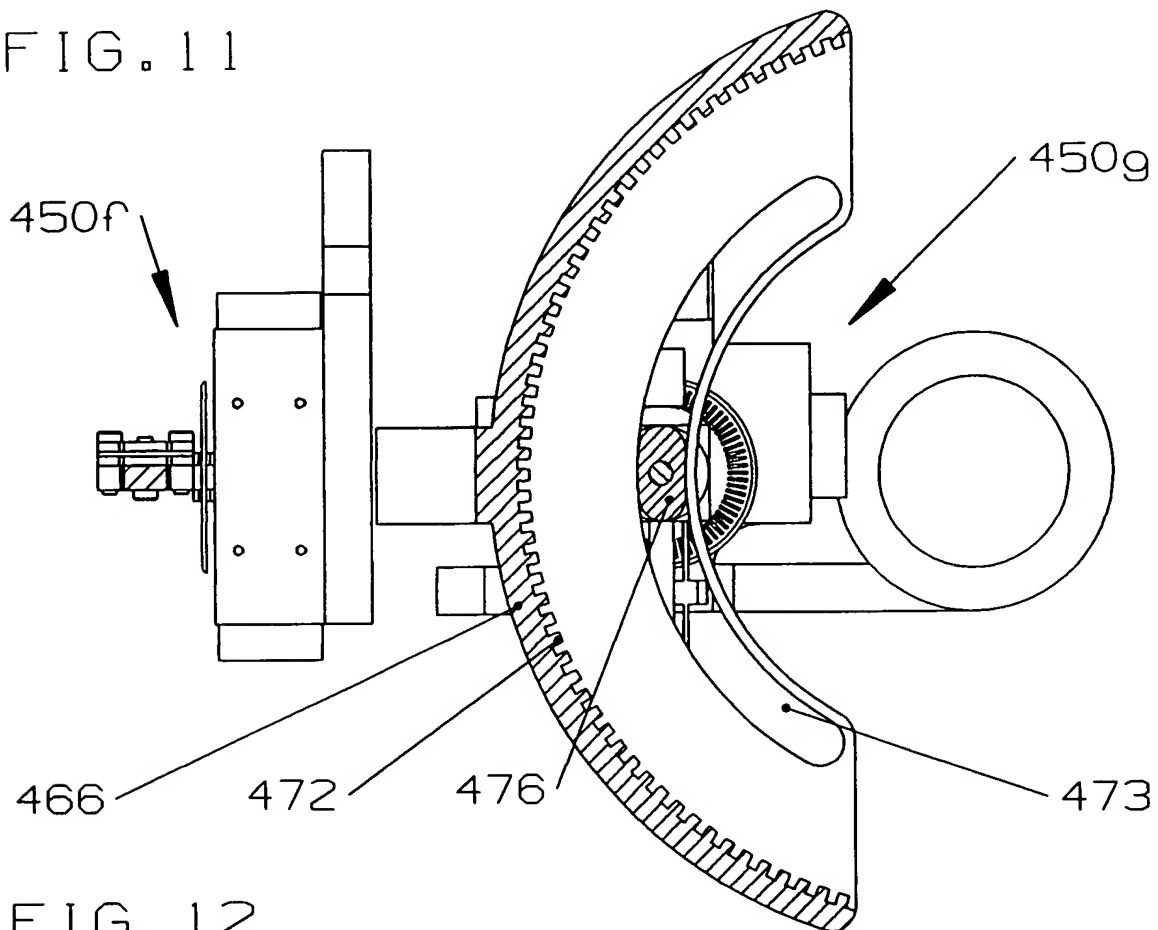


FIG. 12

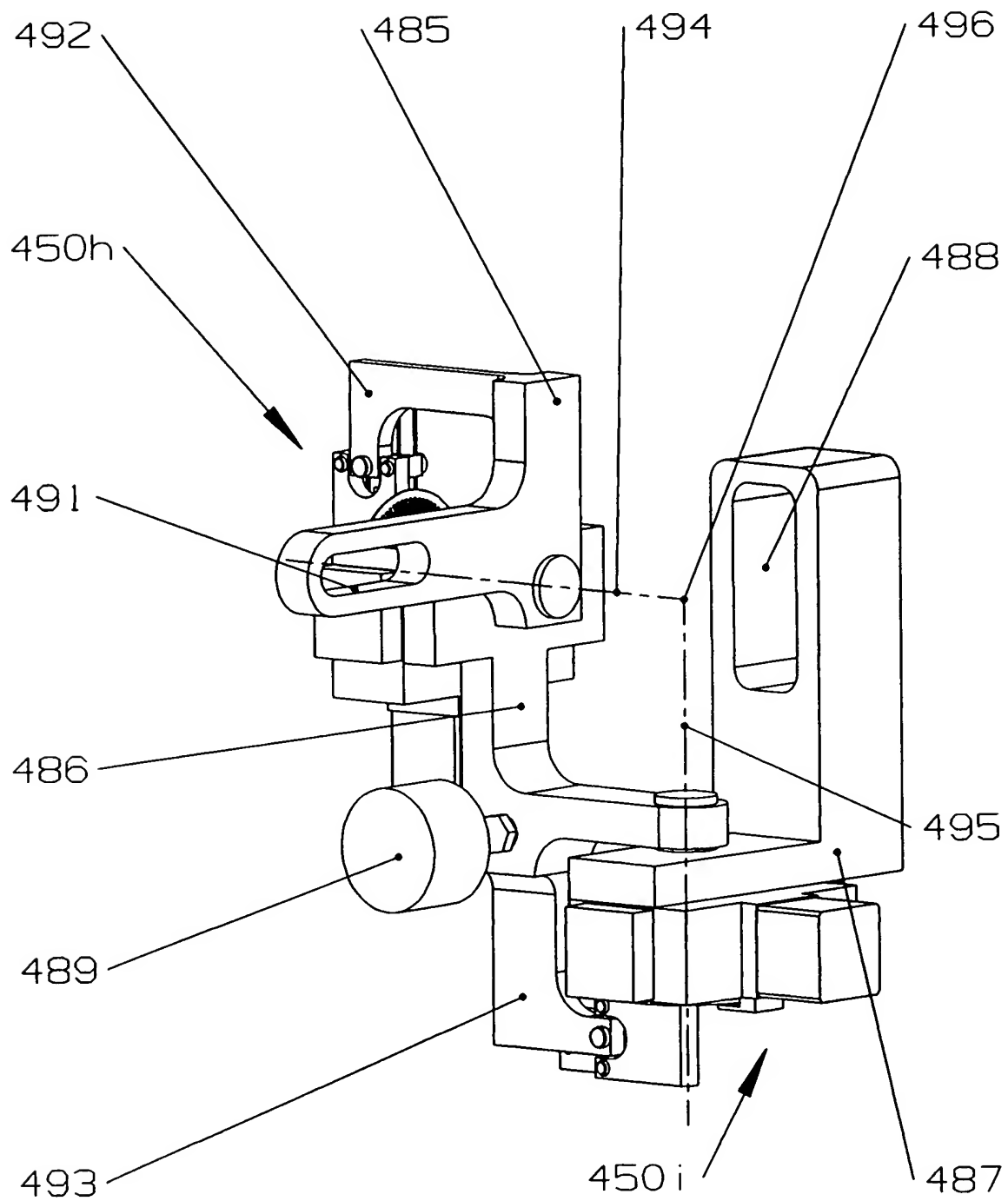


FIG. 13



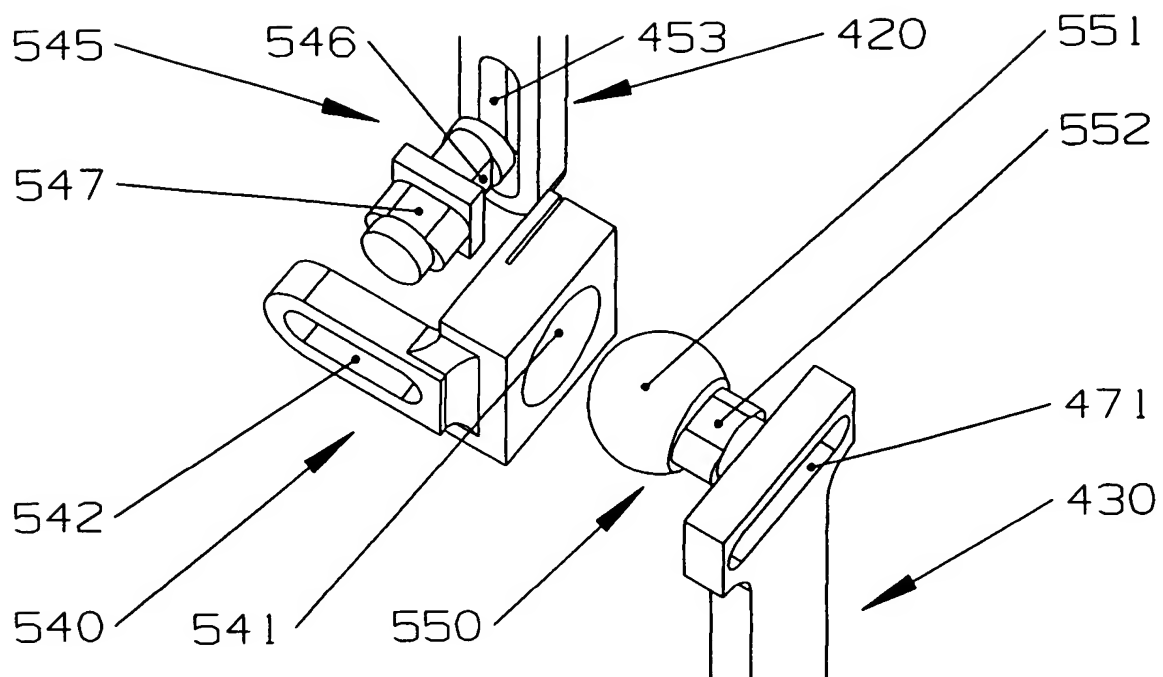


FIG. 16

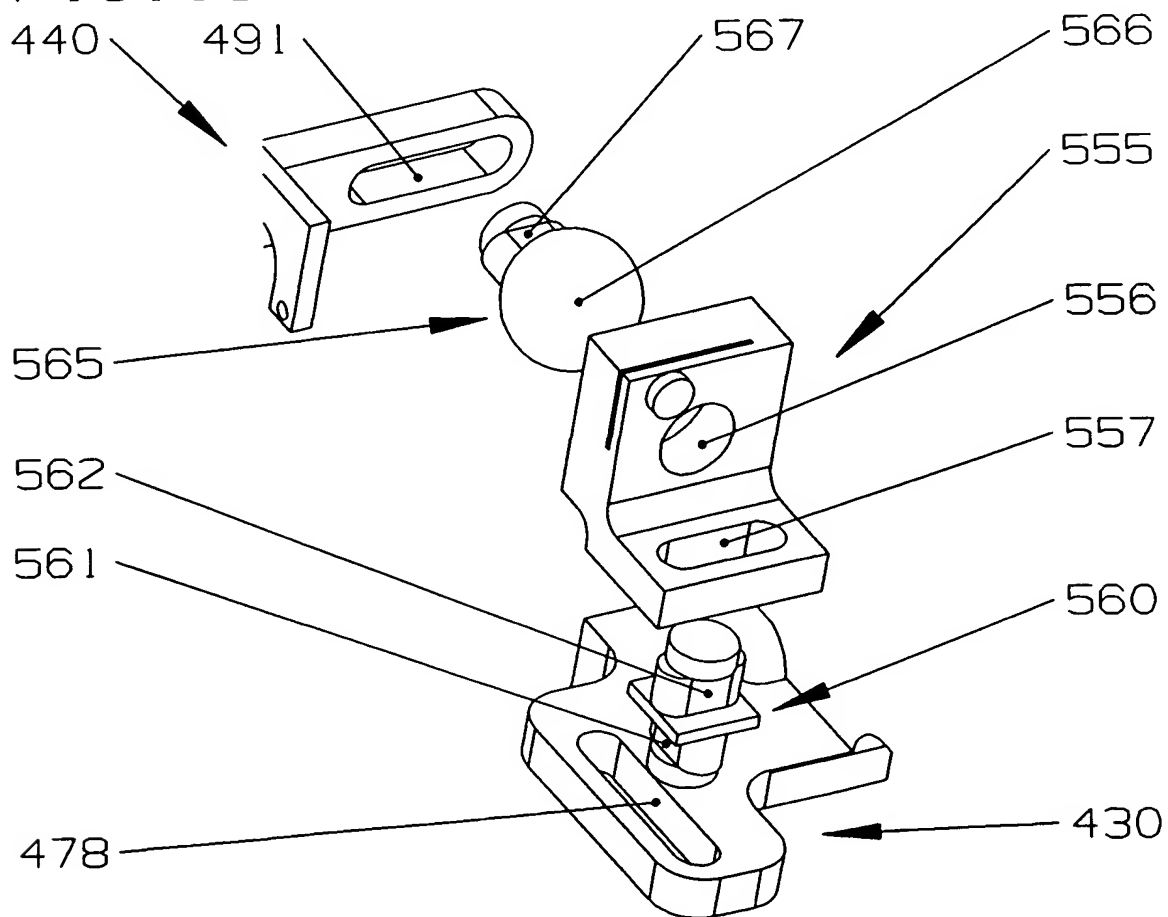


FIG. 17

FIG. 18

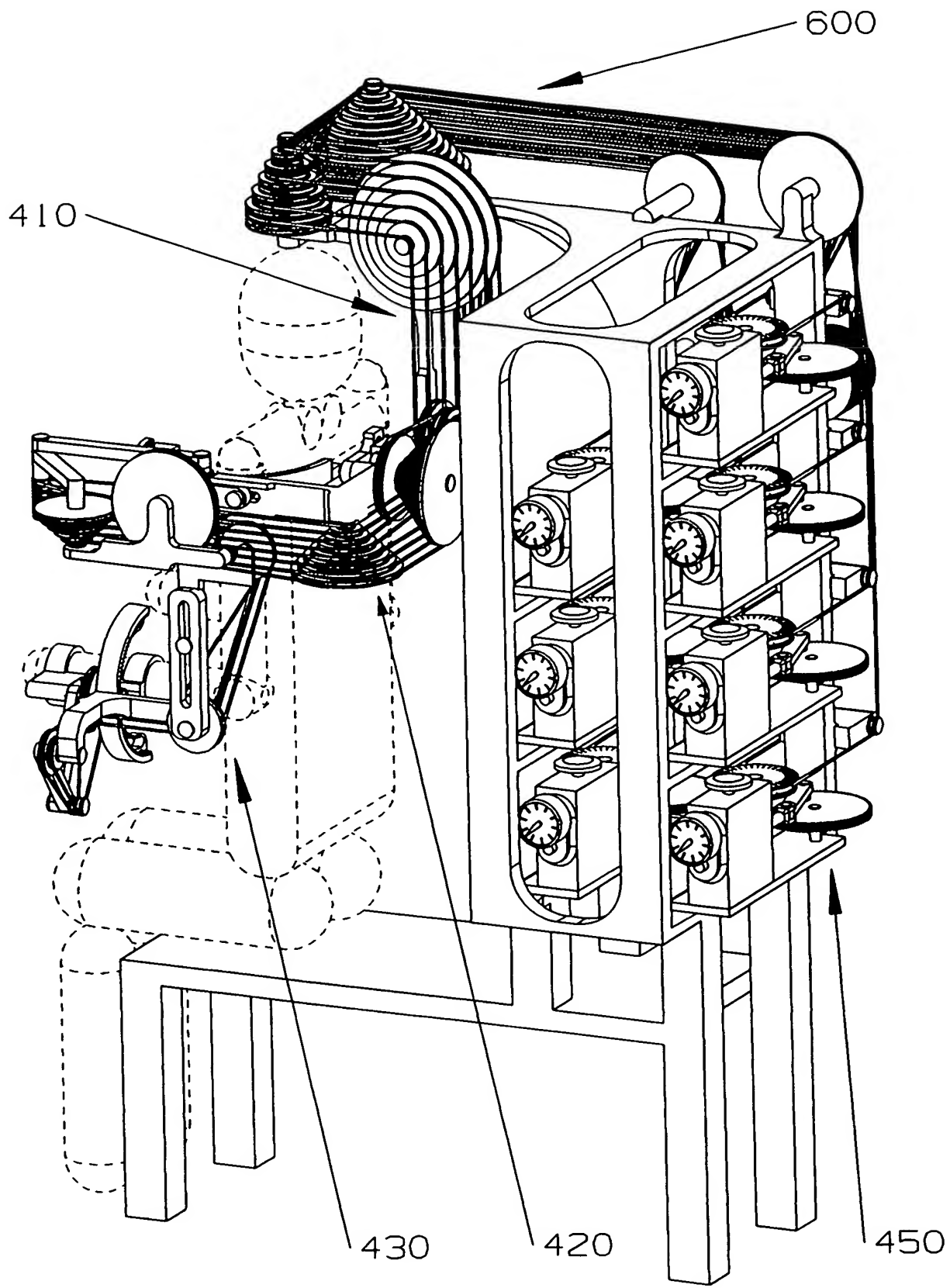


FIG. 18

FIG. 19 is a perspective view of the device of FIG. 18, showing the device in a closed position.

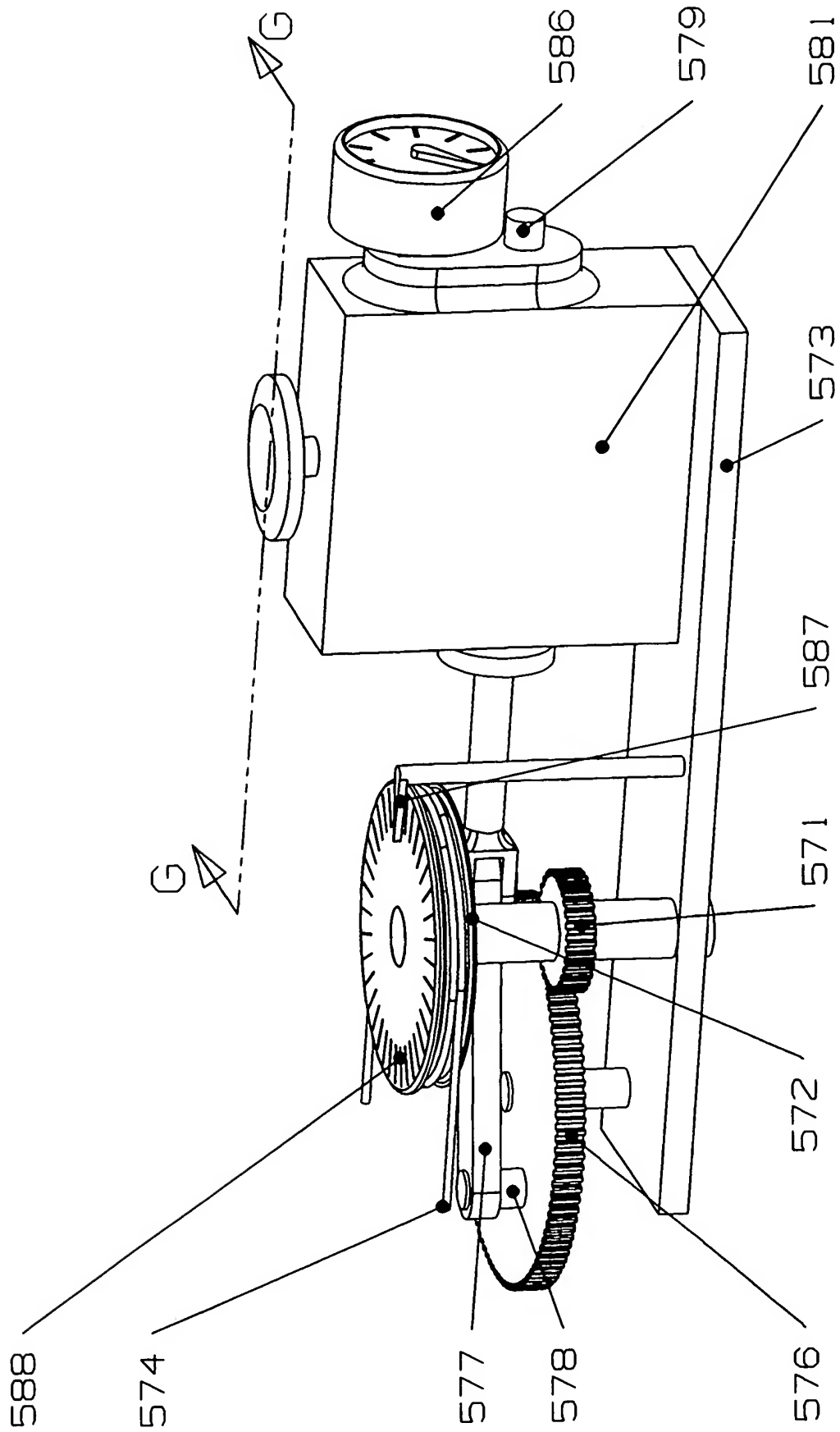


FIG. 19

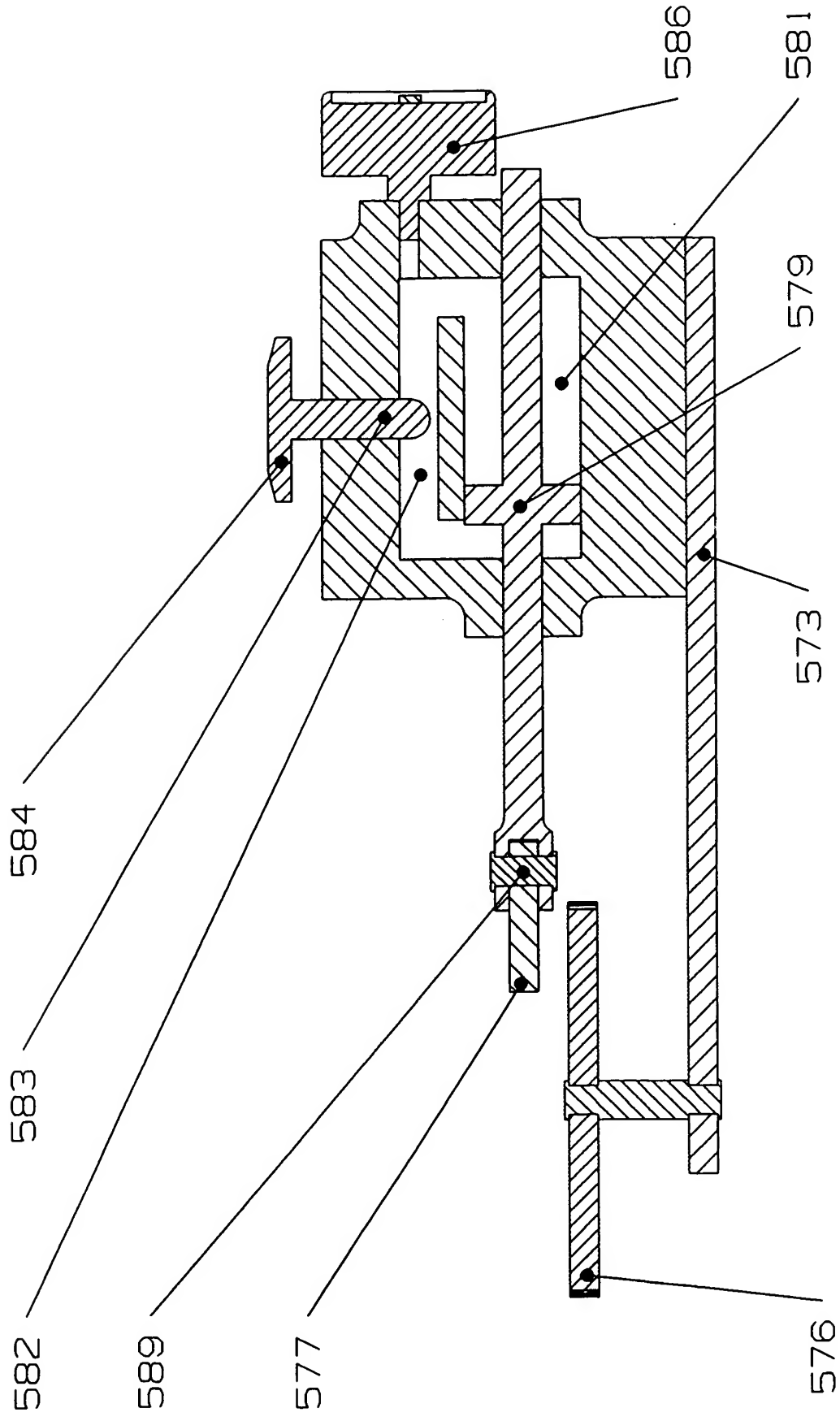


FIG. 20